

U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO.	SERIAL NO.	
INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97				RCA 90,045	10/01/92	
(Use several sheets if necessary)				APPLICANTS	09/10/01	
				Belotserkovsky, et al.	09/10/01	
				FILING DATE	09/10/01	
				Herewith	09/10/01	
U. S. PATENT DOCUMENTS						
EXAMINE INITIAL	DOCUMENT NUMBER	ISSUE DATE	APPLICANT/PATENTEE	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
AA	4,635,276	01/06/87	Karabinis	375	15	
AB	5,159,565	10/27/92	Bune	364	724.16	
AC	5,222,101	06/22/93	Ariyavasitakul, et al.	375	13	
AD	5,297,165	03/22/94	Ueda, et al.	375	12	
AE	5,351,134	09/27/94	Yaguchi, et al.	358	435	
AF	5,414,732	05/09/95	Kaufmann	375	232	
AG	5,475,710	12/12/95	Ishizu, et al.	375	232	
AH	5,602,602	02/11/97	Hulyalkar	348	607	
AI	5,787,118	07/28/98	Ueda	375	232	
AJ	5,841,484	11/24/98	Hulyalkar, et al.	348	607	
AK	5,956,624	09/21/99	Hunsinger et al.	455	65	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION Yes No
AL						
AM						
AN						
AO						
AP						
AQ						
OTHER INFORMATION (Including Author, Title, Pub.Date, Pertinent Pages, Country, Etc.)						
AR	B.P. Lathi, "Modern Digital and Analog Communication Systems," pp 163, 168, 206, 1983					
AS	J.A. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come," IEEE Communications Magazine, Vol. 28, No. 5, pp. 5-14, May 1990.					
AT	J.M. Cioffi, "A Multicarrier Primer," in ANSI T1E1.4 Committee Contribution, No. 91-157, Boca Raton, FL, Nov. 1991.					
EXAMINER				DATE CONSIDERED 5.9.05		
SUBMITTED BY:	Vincent E. Duffy			REG. NO.:	DATE: 9/18/01	
				39,964		

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EXAMINER INITIAL		DOCUMENT NUMBER	ISSUE DATE	APPLICANT/PATENTEE	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>EF</i>	BA	6,014,407	01/11/00	Hunsigner, et al.	375	206	
<i>EF</i>	BB	6,034,564	03/07/00	Iwamatsu	329	306	
<i>GF</i>	BC	6,144,708	11/07/00	Maruyama	375	327	
<i>GF</i>	BD	6,167,082	12/26/00	Ling, et al.	375	233	
<i>GF</i>	BE	6,175,591 B1	01/16/01	Iwamatsu	375	232	
<i>GF</i>	BF	6,181,714, B1	01/30/01	Isaksson, et al.	370	491	
<i>EF</i>	BG	6,188,722 B1	02/13/01	Velez, et al.			
<i>EF</i>	BH						
	BI						
	BJ						
	BK						
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION Yes No	
BL							
BM							
BN							
BO							
BP							
BQ							
OTHER INFORMATION (Including Author, Title, Pub.Date, Pertinent Pages, Country, Etc.)							
<i>GF</i>	BR	Simon Haykin, "Adaptive Equalization," Communication Systems, 3 rd Edition, John Wiley & Sons, pp. 452-458, New York, 1994.					
<i>GF</i>	BS	'Broadband Radio Access Networks (BRAN); HIPERLAN Type 2 Functional Specification, Part 1 - Physical (PHY) layer,' European Telecommunications Standards Institute, Vol. J, Sep. 1999.					
<i>GF</i>	BT	DRAFT Supplement to STANDARD [for] Information Technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: High Speed Physical Layer in the 5 GHz Band, IEEE P802.11a/D7.0, (Supplement to IEEE Std 802.11-1999)					
EXAMINER:			DATE CONSIDERED: <i>G.9.05</i>				
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CC							
CD							
CE							
CF							
CG							
CH							
CI							
CJ							
CK							
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION Yes No
CL							
CM							
CN							
CO							
CP							
CQ							
OTHER INFORMATION (INCLUDING AUTHOR, TITLE, PUB. DATE, PERTINENT PAGES, COUNTRY, ETC.)							
<i>GR</i>	CR	<u>http://www.seas.ucla.edu/~langit/slicer.m</u> , pp.1, 07/19/01					
<i>GR</i>	CS	Gregory T. Uehara, Caesar S.H. Wong, Jacques C. Rudell, and Paul R. Gray, A 50MHz 70mW 8-Tap Adaptive Equalizer/Viterbi, Sequence Detector in 1.2μm CMOS, Electronics Research Laboratory, Department of Electrical Engineering & Computer Sciences, University of California, <u>http://kabuki.eecs.berkeley.edu/~7Ejrudell/papers/CICC/</u> pp. 1-11, Berkeley CA, 07/19/01					
<i>GR</i>	CT	Caesar S.H. Wong, Jacques C. Rudell, Gregory T. Uehara, and Paul R. Gray, A 50MHz 70mW 8-Tap Adaptive Equalizer for Partial Response Channels, Department of Electrical Engineering and Computer Sciences, University of California, <u>http://kabuki.eecs.berkeley.edu/~7Ejrudell/papers/jssc/</u> , pp.1-19, Berkeley, CA, 07/19/01.					
EXAMINER <i>V. Duffy</i>				DATE CONSIDERED <i>5.9.5</i>			
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